



## PATENT AND TRADEMARK OFFICE

## **Patent Application**

**Serial No.: 10/635,430**      **Group Art Unit:**

10 **Filing Date:** Aug. 5, 2003 **Examiner:** K. Kianni

## Title: FIBER DEVICES USING GRIN FIBER LENSES

**ASSISTANT COMMISSIONER OF PATENTS**  
**WASHINGTON, D.C. 20231**

Sir:

## **INTERVIEW SUMMARY**

20 On February 10, 2004, Examiner K. Kianni initiated a telephonic interview with John F. McCabe, i.e., Applicants' Representative.

During the interview, Examiner Kianni requested that Mr. McCabe indicate where the description provides support for claim 7. Mr. McCabe stated that exemplary support is at page 9, lines 26 – 28.

During the interview, Examiner Kianni stated that Fig. 4 of U.S. Patent No. 5,757,993 and an article by Shiraishi et al (See Ref. AH3 on IDS submitted Aug. 5, 2004) may provide a basis for art-based rejections of some claims.

30 During the interview, Mr. McCabe stated that Fig. 4 of Patent 5,757,993 does not disclose a GRIN fiber lens as recited in independent claim 1. Mr. McCabe stated that the use of “fiber lens” relates to the lens’ size.

35 During the interview, Mr. McCabe stated that claim 8 recites a series of GRIN  
lens between optical fibers.

During the interview, Examiner Kianni stated that U.S. Patent No. 5,757,993 shows coupled GRIN lenses.

During the interview, Mr. McCabe stated that claim 9 has a numerical limitation.

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No fee is believed due.

In the event of any non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Lucent Technologies Deposit Account No. 12-2325** to correct the error.

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Respectfully,



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Date: Feb. 12, 2004

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